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New standards in size, breadth, depth, speed

We offer more than component manufacturing
We offer manufacturing concepts

Our task begins with an analysis of the request and includes technical and engineering-related consultation along with the optimization of cost planning and scheduling.

The selection of the particular production process depends on the results of this analysis. Here a number of factors play a role: the required volume, component dimensions and complexity, the requirements profile and the time available for manufacturing. For example, we choose the optimal production process to handle initial volumes of more than 100 parts within the shortest possible timeframe, simultaneously with extremely economical investments in capital equipment.

Because we are engineers who think like business economists, we not only deliver high-quality components. We also make sure they are produced as efficiently as possible, with on-time, cost-effective performance.

Size

With a production area of 3,500 square meters and more than 100 employees, rpm offers sufficient capacity for demanding, high-volume projects and is currently handling production volumes of more than 80,000 parts per year.

Breadth

All RP processes are available to implement these project volumes, including SLA, SLS, and FDM, along with successor technologies such as vacuum casting or polyamide casting in silicone molds (NylonMold™). In addition, we have the appropriate equipment in the CAD/CAM field, as well as the necessary milling capabilities to design and produce fixed tools on a timely basis in-house, such as laminating tools, RIM tools, or tools to produce PUR integral foam parts. The complete selection of RP processes is supplemented by classic injection molding technology. In addition, there is metrological documentation, such as coordinate measurement technology or optical measurement technology.

Depth

Tool design and production, parts manufacturing in a wide range of processes, the assembly of multi-component elements, finishing and component refinements such as painting, chrome-plating and lamination, all in-house and with a single contact person.

Speed

At rpm, the distances are extremely short since everything takes place under one roof, from conception to production all the way to shipping. This saves time and guarantees continuous, direct opportunities for checks during each stage of the process. There are also flexible production capabilities in three shifts, depending on the degree of utilization.

Our claim to quality is not merely defined by the workmanship of the parts that we produce but rather by the sum of all the production steps and services that make up our processes.

Solutions for

Exterior

- Complete front-ends

Interior

- Door panel modules
- Instrument panels including mounting parts
- Complete center consoles
- Trunk linings

Engine compartment

- Air-conditioning system
- Air filter modules
- Intake modules
- Cylinder head covers
- Oil filter modules

Component characteristics

- Material properties can be adapted across a wide spectrum, from identical/similar PP to ABS or PA.
- Assembly and components are 100% functional
- Components display the surface quality and the precision of detail and reproducibility of series production parts.
- The production of made-to-order multi-component systems, e.g. additionally through the integration of COP parts
- Surface refinement using lamination or painting
- Attractive price-value ratio
- The extremely wide range of processes can be combined with one another, e.g. RIM, foams and injection molding, etc.

